

## Apache Struts 2 Web Application Development Newton Dave

Practical Apache Struts 2 Web 2.0 ProjectsApress

Offering both theoretical explanations and real-world applications, this in-depth guide covers the 2.0 version of Struts, revealing how to design, build, and improve Java-based Web applications within the Struts development framework. Feature functionality is explained in detail to help programmers choose the most appropriate feature to accomplish their objectives, while other chapters are devoted to file uploading, paging, and object caching.

Apache Struts 2 is an elegant, extensible framework for creating enterprise-ready Java web applications. This framework is designed to streamline the full development cycle from building to deploying and maintaining applications over time. Apache Struts 2 was originally known as WebWork 2. This book will teach you, how to use Apache Struts for creating enterprise-ready Java web applications in simple and easy steps. This book is designed for Java programmers who are interested to learn the basics of the Struts 2.x framework and its applications. Before proceeding with this book, you should have a good understanding of the Java programming language. A basic understanding of MVC Framework and JSP or Servlet is very helpful.

Cloud Computing: Implementation, Management, and Security provides an understanding of what cloud computing really means, explores how disruptive it may become in the future, and examines its advantages and disadvantages. It gives business executives the knowledge necessary to make informed, educated decisions regarding cloud initiatives. The authors first discuss the evolution of computing from a historical perspective, focusing primarily on advances that led to the development of cloud computing. They then survey some of the critical components that are necessary to make the cloud computing paradigm feasible. They also present various standards based on the use and implementation issues surrounding cloud computing and describe the infrastructure management that is maintained by cloud computing service providers. After addressing significant legal and philosophical issues, the book concludes with a hard look at successful cloud computing vendors. Helping to overcome the lack of understanding currently preventing even faster adoption of cloud computing, this book arms readers with guidance essential to make smart, strategic decisions on cloud initiatives.

A tutorial introducing Java basics covers programming principles, integrating applets with Web applications, and using threads, arrays, and sockets.

\* Instructs the use of Struts to build MVC Web applications and simplify HTML form construction and validation \* Provides information on using Object-RelationalBridge to cut down the amount of data-access code necessary to be written and maintained \* Teaches how to use Lucene to incorporate search engine functionality into a Web application \* Demonstrates how to use Velocity to cleanly separate presentation and Java Code

Nowadays, Web applications are almost omnipresent. The Web has become a platform not only for information delivery, but also for eCommerce systems, social networks, mobile services, and distributed learning environments. Engineering Web applications involves many intrinsic challenges due to their distributed nature, content orientation, and the requirement to make them available to a wide spectrum of users who are unknown in advance. The authors discuss these challenges in the context of well-established engineering processes, covering the whole product lifecycle from requirements engineering through design and implementation to deployment and maintenance. They stress the importance of models in Web application development, and they compare well-known Web-specific development processes like WebML, WSDM and OOHDM to traditional software development approaches like the waterfall model and the spiral model. .

What is this book about? The Apache Software Foundation's Jakarta Struts remains the most popular Java framework for building enterprise-level Web applications. In the first book to cover the extensive new features of the final release of Struts 1.1, the authors present the technical and conceptual information you need to design, build, and deploy sophisticated Struts 1.1 applications. What does this book cover? This book covers everything you need to know about Struts and its supporting technologies, including JSPs, servlets, Web applications, the Jakarta-Tomcat JSP/servlet container, and much more. Here are just a few of the things you'll find in this book: The Jakarta Struts Model 2 architecture and its supporting components How to get started with Struts and build your own components How to work with the Commons Validator, ActionForms, and DynaActionForms Techniques for customizing the Controlle Ways to maximize your presentation pages with Tiles How to internationalize your Struts applications Tips for managing errors and debugging Struts applications Who is this book for? This book is for Java developers who want to build sophisticated, enterprise-level Web applications using the final production release of Struts 1.1.

Practical Apache Struts 2 Web 2.0 Projects is nothing less than one of the first books to cover the agile, lightweight open source Apache Struts 2 Web Framework, an essentially new and improved Struts platform that should meet today's more agile Java development needs. Apache Struts remains the most popular framework for building Java-driven web sites, despite continued challenges from competitive frameworks and APIs like JavaServer Faces (JSF), Wicket, Grails, and more. The new features incorporated into Struts 2 will help this powerful framework to maintain its top-ranking position for the foreseeable future.

"Every developer working with the Web needs to read this book." -- David Heinemeier Hansson, creator of the Rails framework "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it." -- Adam Trachtenberg, PHP author and EBay Web Services Evangelist You've built web sites that can be used by humans. But can you also build web sites that are usable by machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide

Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. They don't work like the Web, and they're missing out on its advantages. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol, the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies the REST design philosophy to real web services. It sets down the best practices you need to make your design a success, and the techniques you need to turn your design into working code. You can harness the power of the Web for programmable applications: you just have to work with the Web instead of against it. This book shows you how.

Apache Tomcat is the most popular open-source de-facto Java Web application server, standard for today's Web developers using JSP/Servlets. Apache Tomcat 7 covers details on installation and administration of Apache Tomcat 7. It explains key parts of the Tomcat architecture, and provides an introduction to Java Servlet and JSP APIs in the context of the Apache Tomcat server. In addition to basic concepts and administration tasks, Apache Tomcat 7 covers some of the most frequently used advanced features of Tomcat, including security, Apache web server integration, load balancing, and embedding Tomcat server in Java applications. Finally, through a practical primer, it shows how to integrate and use some of the most popular Java technologies with Apache Tomcat. In summary, Apache Tomcat 7 offers both novice and intermediate Apache Tomcat users a practical and comprehensive guide to this powerful software.

Apache Jakarta-Tomcat, the official reference implementation for the Java servlet and JavaServer Pages technologies, has long been heralded as an excellent platform for the development and deployment of powerful Web applications. Version 4.0 offers not only numerous enhancements in flexibility and stability, but also an array of features that expand upon the Tomcat developer's already wealthy toolset. In this namesake title, best-selling author James Goodwill provides readers with a thorough introduction to Jakarta-Tomcat, offering instruction on topics ranging from the basic installation and configuration process and Web application deployment to advanced concepts of integration with other popular Apache Foundation projects such as the Apache Web server, Struts, Log4J, and the Apache XML SOAP Project. In addition to an already comprehensive introduction to core Tomcat functionality, readers also benefit from a valuable primer of what is offered in version 4.0, as Goodwill takes care to thoroughly discuss new features such as valves, security realms, persistent sessions, and the Tomcat Manager Application. In summary, Apache Jakarta-Tomcat offers both novice and advanced Jakarta-Tomcat users a practical and comprehensive guide to this powerful software.

WebWork helps developers build well-designed applications quickly by creating re-usable, modular, web-based applications. WebWork in Action is the first book to focus entirely on WebWork. Like a true "Action" book, it is both a tutorial on WebWork and a sourcebook for its use in demanding, real-world applications. The book goes into considerable depth on how to get desirable web features with WebWork. It uses the same basic (continuing) example as in Manning's Hibernate in Action to show how to integrate WebWork with the popular Hibernate persistence framework. Although Java was (correctly) touted as the next big programming language, it wasn't until the introduction of J2EE and Servlets that its use really took off. Yet, in spite of the huge popularity of JSPs and Servlets, it was never easy for developers to quickly create re-usable, modular web-based applications. Not long after the introduction of JSPs, WebWork sought to solve those very problems and has been helping thousands of developers ever since. WebWork is a web-application framework used by people who understand that somewhere been "just get it done, no matter how ugly" and "make it perfect" lies their best choice. WebWork helps developers build applications quickly, but its unique design also lets developers build beautifully-designed applications.

Polyolefins, such as polyethylene and polypropylene, are among the most widely used commercial polymers. These versatile fibers are durable, chemically resistant, lightweight, economical, and functional. This book provides researchers in materials, as well as product development specialists in industry and biomedical engineering with a comprehensive resource that will assist them with material improvement and product development. The first chapters discuss the structural and chemical properties of different types of polyolefins, as well as production methods. Other chapters delve into functionality improvement and address how polyolefins can be incorporated into specific industrial, medical, and automotive products.

Spring Web Flow is an exciting open-source framework for developing Java web applications. The framework improves productivity by addressing three major pain-points facing web application developers: user interface navigation control, state management, and modularity. The Definitive Guide to Spring Web Flow covers Spring Web Flow in detail by explaining its motivation and feature set, as well as providing practical guidance for using the framework to develop web applications successfully in a number of environments.

Struts is the most popular framework for building scalable Java web applications, and version 2 is not simply an extension to Struts 1. It is a new architecture elegantly designed to support easy or zero configuration, modular extension through interceptors, and code distribution via plug-ins. Interceptors solves common problems in web development by enabling type conversion, input validation, file upload and programmable file download, internationalization, and others. Plug-ins are in abundance and available for incorporating Tiles, JFreeChart, AJAX components, and other software into applications. This book is a tutorial designed to make the reader truly understand the concepts. It explains not only how to use Struts' features, but also how certain features work under the hood. Examples are relevant and based on real-world applications. Several important topics rarely mentioned in other books--such as file upload, long-processing task handling, and profiling--are given detailed treatment. Model 2 Applications Starting with Struts Actions and Results OGNL Form Tags Generic Tags Type Conversion Input Validation Message Handling and Internationalization Model Driven and Prepare Interceptors The Persistence Layer File Upload File Download Securing Struts Applications Preventing Double Submits Debugging and Profiling Progress Meters Custom Interceptors Custom Result Types Velocity FreeMarker XSLT Results Plug-ins The Tiles Plug-in JFreeChart Plug-ins Zero Configuration AJAX

Struts solves the most common problems of web development. By basing your application on the Struts web application framework, you can reuse proven solutions and focus on what's unique to your own case. Struts is an open-source product distributed by the Apache Software Foundation.

A beginner's guide for Java developers.

Unleash the power of Spring MVC and build enterprise-grade, lightning-fast web applications About This Book Configure Spring MVC to build logic-less controllers that transparently support the most advanced web techniques Secure your developments with easy-to-write, reliable unit and end-to-end tests Get this fast-paced, practical guide to produce REST resources and templates as required by the latest front-end best practices Who This Book Is For This Learning Path is for Java developers who want to exploit Spring MVC and its features to build web applications. It will help you step up in your career and stay up to date or learn more about Spring's web scalability. What You Will Learn Set up and build standalone and web-based projects using Spring Framework with Maven or Gradle Develop RESTful API applications for XML and JSON data transfers Investigate Spring data access mechanisms with Spring Data Repositories Generate templates for a responsive and powerful front end with AngularJS and Bootstrap Authenticate over REST with a BASIC authentication scheme and OAuth2; handle roles and permissions Communicate through WebSocket and STOMP messages Design complex advanced-level forms and validate the model Create maintainable unit and acceptance tests to secure the apps Deploy the web application to the cloud in a snap In Detail Spring MVC helps you build flexible and loosely coupled web applications. The Spring MVC Framework is designed in such a way that every piece of logic and functionality is highly configurable. This Learning Path aims to make you an expert in designing web applications with Spring MVC 4. In our first module, we'll begin with an introduction to the Spring framework. You'll then learn aspect-oriented programming. Packed with real-world examples, you'll get an insight into how you can use Spring Expression Language in your applications to make them easier to manage and maintain. In the second module, you'll learn everything you need to build modern Spring-based enterprise web applications. From practical development techniques and useful tools from the wider Spring ecosystem, to the new JEE standards, the impact of JavaScript, and even the Internet of Things, you'll feel confident that you can deploy Spring for an impressive range of creative purposes. In the final module, you'll find out how to take advantage of Spring MVC's advanced features - essential if you are to properly master the framework. To do this you'll investigate the inner mechanics of Spring MVC, and how they tie into to the broader principles that inform many modern web architectures. With further guidance on how to test, secure, and optimize your application, as well as designing RESTful services, you'll very quickly be ready to use Spring in your next web project. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Spring Essentials by Shameer Kunjumohamed, Hamidreza Sattari Spring MVC Cookbook by Alex Bretet Mastering Spring MVC 4 by Geoffroy Warin Style and approach This is a hands-on, practical guide based on logical modules of the whole Spring framework family, employing a combination of theory and examples with pro-level practices, techniques, and solutions.

Struts 2 Black Book brings to you a detailed discussion on Web application development by using Struts 2 Framework. Targeting beginner to advance level readers, this book begins with an introduction to Struts 2 and describes its evolutions as a new Web Application Framework. It covers various concepts supported by Struts 2, such as Interceptors, Results, Validators, Generic and UI Tags and Plugins. The book also describes the benefits of these concepts and different ways of implementing them. In addition, the book discusses various components created and configured in Struts 2 Framework based web application. The book also covers the architecture and implementation changed in Struts 2 from Struts 1. The book describes the process of migrating a Struts 1 application to a Struts 2 based application, and a lot more.

JavaServer Faces, or JSF, brings a component-based model to web application development that's similar to the model that's been used in standalone GUI applications for years. The technology builds on the experience gained from Java Servlets, JavaServer Pages, and numerous commercial and open source web application frameworks that simplify the development process. In JavaServer Faces, developers learn how to use this new framework to build real-world web applications. The book contains everything you'll need: how to construct the HTML on the front end; how to create the user interface components that connect the front end to your business objects; how to write a back-end that's JSF-friendly; and how to create the deployment descriptors that tie everything together. JavaServer Faces pays particular attention to simple tasks that are easily ignored, but crucial to any real application: working with tabular data, for example, or enabling and disabling buttons. And this book doesn't hide from the trickier issues, like creating custom components or creating renderers for different presentation layers. Whether you're experienced with JSF or a just starting out, you'll find everything you need to know about this technology in this book. Topics covered include: The JSF environment Creating and rendering components Validating input Handling user-generated events Controlling page navigation Working with tabular data Internationalization Integration between JSF and Struts Developing custom renderers and custom components JavaServer Faces is a complete guide to the crucial new JSF technology. If you develop web applications, JSF belongs in your toolkit, and this book belongs in your library.

"Simple cloud scaling for Java developers"--Cover.

Struts2 is the latest manifestation of the popular Struts Java web application framework. Like its predecessor, its goals are to make web application development faster, easier and more productive than ever before. Despite new languages and new techniques, the action-base MVC framework is still a viable and effective option for modern web application development. Within this book you will find everything you need to get up and running using Struts2 - from the architecture and configuration, to implementing actions and the supporting infrastructure such as validation and internationalization. Above all else, it focuses on the practical - with plenty of code and productivity tips to get you started

using Struts2 today.

Learn and implement various techniques related to testing, monitoring and optimization for microservices architecture. Key Features Learn different approaches for testing microservices to design and implement, robust and secure applications Become more efficient while working with microservices Explore Testing and Monitoring tools such as JMeter, Ready API, and AppDynamics Book Description Microservices are the latest "right" way of developing web applications. Microservices architecture has been gaining momentum over the past few years, but once you've started down the microservices path, you need to test and optimize the services. This book focuses on exploring various testing, monitoring, and optimization techniques for microservices. The book starts with the evolution of software architecture style, from monolithic to virtualized, to microservices architecture. Then you will explore methods to deploy microservices and various implementation patterns. With the help of a real-world example, you will understand how external APIs help product developers to focus on core competencies. After that, you will learn testing techniques, such as Unit Testing, Integration Testing, Functional Testing, and Load Testing. Next, you will explore performance testing tools, such as JMeter, and Gatling. Then, we deep dive into monitoring techniques and learn performance benchmarking of the various architectural components. For this, you will explore monitoring tools such as Appdynamics, Dynatrace, AWS CloudWatch, and Nagios. Finally, you will learn to identify, address, and report various performance issues related to microservices. What you will learn Understand the architecture of microservices and how to build services Establish how external APIs help to accelerate the development process Understand testing techniques, such as unit testing, integration testing, end-to-end testing, and UI/functional testing Explore various tools related to the performance testing, monitoring, and optimization of microservices Design strategies for performance testing Identify performance issues and fine-tune performance Who this book is for This book is for developers who are involved with microservices architecture to develop robust and secure applications. Basic knowledge of microservices is essential in order to get the most out of this book.

\* J2EE 5 compliant - Pro JSP 2 will be latest/first book that contains JSP 2.1 that's in the new J2EE 5 platform. \* Covers integration and use with open source projects such as Apache Struts, Ant, XDoclet, JUnit, and Cactus. It also includes all the rich features of JSP 2 as well as adds JavaServer Faces (JSF) interoperability and integration with JSP. \* Shows the reader best persistence options, security means, performance optimization, and design patterns and best practices.

The original Struts project revolutionized Java web development and its rapid adoption resulted in the thousands of Struts-based applications deployed worldwide. Keeping pace with new ideas and trends, Apache Struts 2 has emerged as the product of a merger between the Apache Struts and OpenSymphony WebWork projects, united in their goal to develop an easy-to-use yet feature-rich framework. Struts 2 represents a revolution in design and ease of use when compared to classic Struts. It adds exciting and powerful features such as a plugin framework, JavaServer Faces integration, and XML-free configuration. Struts 2 In Action introduces the Apache Struts 2 web application framework and shows you how to quickly develop professional, production-ready modern web applications. Written by Don Brown, one of the leading developers of Struts 2, Chad Davis, a passionate Struts 2 developer, along with Scott Stanlick, this book gently walks you through the key features of Struts 2 in example-driven, easy-to-digest sections. Struts 2 in Action delivers accurate, seasoned information that can immediately be put to work. This book is designed for working Java web developers-especially those with some background in Struts 1 or WebWork. The core content, covering key framework components such as Actions, Results, and Interceptors, includes new features like the annotation-based configuration options. You'll find chapters on Struts 2 plugins, FreeMarker, and migration from Struts 1 and WebWork 2. Finally, new topics such as the Ajax tags, Spring Framework integration, and configuration by convention give familiar subjects new depth. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Many bookstores offer numerous choices of books on Java Server Programming; however, most of these books are intricate and complex to grasp. So, what are your chances of picking up the right one? If this question has been troubling you, be rest assured now! This book, Java Server Programming: Java EE 5 (J2EE 1.5) Black Book, Platinum Edition, is a one-time reference book that covers all aspects of Java EE in an easy-to-understand approach for example, how an application server runs; how GlassFish Application server deploys a Java application; a complete know-how of design patterns, best practices, and design strategies; working with Java related technologies such as NetBeans IDE 6.0, Hibernate, Spring, and Seam frameworks; and proven solutions using the key Java EE technologies, such as JDBC, Servlets, JSP, JSTL, RMI, JNDI, JavaMail, Web services, JCA, Struts, JSF, UML, and much more& All this, as the book explores these concepts with appropriate examples and executable applications no doubt, every aspect of the book is worth its price.

This book is designed as a rapid and effective Struts tutorial for Java developers. The book builds a fully-featured web bookstore application incrementally, with each stage described step-by-step. Concepts are introduced simply and clearly as the design and implementation of this sample project evolves. The emphasis is on rapid learning through clear and well structured examples. The book sets out to get Java developers up to speed and confident with Struts as quickly as possible. It does not explain every feature in Struts, but takes a logical path through the essential information, with the emphasis on practical applications. This book ideal for Java developers planning to develop web applications, who are new to Struts. It expects familiarity with Java, JSP and Servlets to a degree, although more obscure elements are explained. It covers Struts 1.2.

This book constitutes the refereed proceedings of the 30th Annual IFIP WG 11.3 International Working Conference on Data and Applications Security and Privacy, DBSec 2016, held in Trento, Italy, in July 2016. The 17 full papers and 7 short papers presented were carefully reviewed and selected from 54 submissions. Their topics cover a wide range of

data and application security and privacy problems including those of mobile devices, collaborative systems, databases, big data, virtual systems, cloud computing, and social networks. The program also included two invited talks.

Have you always wanted to learn computer programming but are afraid it will be too difficult for you? Or perhaps you know other programming languages but are interested in learning Struts 2.x technology language fast? This book is for you. You no longer have to waste your money and time trying to learn Struts 2.x technology from boring books that are 600 pages long, expensive online courses or complicated Struts 2.x technology tutorials that just leave you more confused and frustrated. What this book offers... Apache Struts 2.X Web Application Development technology for Beginners Complex concepts are broken down into simple steps to ensure that you can easily master the Struts 2.x technology language even if you have never coded before. Carefully Chosen Struts 2.x technology Examples Examples are carefully chosen to illustrate all concepts. In addition, the output for all examples are provided immediately so you do not have to wait till you have access to your computer to test the examples. Careful selection of topics Topics are carefully selected to give you a broad exposure to Struts 2.x technology, while not overwhelming you with information overload. These topics include object-oriented programming concepts, error handling techniques, file handling techniques and more. Such that you are always up to date with the latest advancement in the Struts 2.x technology language. Learn The Struts 2.x technology Programming Language Fast Concepts are presented in a "to-the-point" style to cater to the busy individual. You no longer have to endure boring and lengthy Struts 2.x technology textbooks that simply puts you to sleep. With this book, you can learn Struts 2.x technology fast and start coding immediately. How is this book different... The best way to learn Struts 2.x technology is by doing. This book includes unique examples at the end of the book that requires the application of all the concepts taught previously. Working through the examples will not only give you an immense sense of achievement, it will also help you retain the knowledge and master the language. What you'll learn: TABLE OF CONTENTS Chapter 1. Introduction to Struts Chapter 2. Struts 2 Interceptors 2.1 Advantage of interceptors 2.2 Struts 2 ValueStack 2.3 Struts 2 ActionContext 2.4 Struts 2 ActionInvocation 2.5 Struts 2 Architecture and Flow 2.6 Struts 2 standard flow (Struts 2 architecture) 2.7 Struts 2 Action 2.8 Constants of Action Interface 2.9 Method of Action Interface Chapter 3. Struts 2 Configuration File 3.1 Struts 2: Multiple Configuration File Example Chapter 4. Struts 2 Multiple Namespace Example 4.1 Define multiple namespaces in struts.xml Chapter 5. Struts 2 Custom Interceptor Example 5.1 Example to create custom interceptor in struts 2 5.2 Struts 2 params interceptor example Chapter 6. Struts 2 execAndWait interceptor example 6.1 Struts 2 execAndWait interceptor example Chapter 7. Struts 2 prepare interceptor example 7.1 Struts 2 modelDriven interceptor example 7.2 Struts 2 File Upload Example 7.3 Struts 2 Validation 7.4 Struts 2 Custom Validation - Workflow Interceptor Chapter 8. Struts 2 Validation by Bundled Validators 8.1 validation interceptor 8.2 Struts 2 requiredstring validation example 8.3 Struts 2 String Length Validation Example 8.4 Struts 2 Email Validation Example 8.5 Struts 2 Ajax Validation - jsonValidation Interceptor Chapter 9. Struts 2 Tiles Framework Integration Example Chapter 10. Conclusion ABOUT THE AUTHOR OTHER BOOKS BY MOUBACHIR MADANI FADOUL (PhD) ...and so much more.... Finally, you'll be guided through a hands-on tutorial that requires the application of all the topics covered. Click the BUY button now and download the book now to start learning Struts 2.x technology. Learn it fast and learn it well. Develop Java enterprise applications to meet the emerging digital standards using Java EE 7 About This Book Build modern Java EE web applications that insert, update, retrieve, and delete customer data with up-to-date methodologies Delve into the essential JavaScript programming language and become proficient with front-end technologies that integrate with the Java platform Learn about JavaServer Faces, its lifecycle, and custom tags, and build exciting digital applications with the aid of handpicked, real-world examples Who This Book Is For If you are a professional Java engineer and want to develop well-rounded and strong Java Web Development skills, then this book is for you. What You Will Learn Understand and apply updated JavaServer Faces key features including HTML5 support, resource library constructs, and pass through attributes Build web applications that conform to digital standards and governance, and leverage the Java EE 7 web architecture Construct modern JSF Forms that apply validation, add AJAX for immediate validation, and write your own validators Augment a traditional web application with JSF 2.2 Flow Beans and Flow Scope Beans Program single page applications including AngularJS, and design Java RESTful back-end services for integration Utilize modern web frameworks such as Bootstrap and Foundation in your JSF applications Create your own JSF custom components that generate reusable content for your stakeholders and their businesses In Detail Digital Java EE 7 presents you with an opportunity to master writing great enterprise web software using the Java EE 7 platform with the modern approach to digital service standards. You will first learn about the lifecycle and phases of JavaServer Faces, become completely proficient with different validation models and schemes, and then find out exactly how to apply AJAX validations and requests. Next, you will touch base with JSF in order to understand how relevant CDI scopes work. Later, you'll discover how to add finesse and pizzazz to your digital work in order to improve the design of your e-commerce application. Finally, you will deep dive into AngularJS development in order to keep pace with other popular choices, such as Backbone and Ember JS. By the end of this thorough guide, you'll have polished your skills on the Digital Java EE 7 platform and be able to create exiting web application. Style and approach This book takes a step-by-step and detailed approach, coaching you through real-world scenarios. The book's style is designed for those who enjoy a thorough educational approach.

Discusses how and why to configure and develop Web applications with Struts and other Jakarta technologies using the model-view controller design pattern in Java.

The Jakarta Struts Framework is a popular open source platform for building web applications from top to bottom with Java. While this popularity has led to a wealth of online and in-print documentation, developers still find themselves faced with a number of common tasks that are not clearly and succinctly explained. In these situations, programmers can now turn to the Jakarta Struts Cookbook an amazing

collection of code solutions to common--and uncommon--problems encountered when working with the Struts Framework. Among many other recipes, this book explains how to: display data in complex HTML tables use JSP, the JSTL, and JavaScript in your user interface define static and dynamic action forms validate data and respond to errors use Logging, Validation, and Exception Handling integrate Struts with persistence frameworks like Hibernate and iBATIS This look-up reference is just what today's time-pressed developers need. With solutions to real-world problems just a few page flips away, information is instantly available. And while the book's solutions focus on getting to the point, each recipe's discussion section imparts valuable concept and insight from a Struts veteran. The Jakarta Struts Cookbook is perfect for independent developers, large development teams, and everyone in between who wishes to use the Struts Framework to its fullest potential. Plus, it s completely up-to-date with the latest versions of Framework, so readers can be sure the information is viable.

AngularJS is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. AngularJS, which is maintained by Google, brings the power of the Model-View-Controller (MVC) pattern to the client, providing the foundation for complex and rich web apps. It allows you to build applications that are smaller, faster, and with a lighter resource footprint than ever before. Best-selling author Adam Freeman explains how to get the most from AngularJS. He begins by describing the MVC pattern and the many benefits that can be gained...

The only current developer-driven book positioned and based on Apache Struts 1.2 (which is still the most widely used and most popular MVC-based web application development framework) Condensed tutorial and lab format, where material has been tested in actual class settings Includes some preview coverage of the next generation of Struts (2.x), otherwise known as Apache Shale

This book follows a cookbook style exploring various security solutions provided by Spring Security for various vulnerabilities and threat scenarios that web applications may be exposed to at the authentication and session level layers. This book is for all Spring-based application developers as well as Java web developers who wish to implement robust security mechanisms into web application development using Spring Security. Readers are assumed to have a working knowledge of Java web application development, a basic understanding of the Spring framework, and some knowledge of the fundamentals of the Spring Security framework architecture. Working knowledge of other web frameworks such as Grails and so on would be an added advantage to exploit the whole breadth of recipes provided in this book, but this is not mandatory.

Struts is an open-source framework that integrates with standard Java technologies and lets developers build web applications quickly and effectively. In much the same way that Java has overtaken C++, Struts is well poised to become the framework for web application development because of its ability to address the types of issues engineers face when building large-scale web applications. The Struts Framework: Practical Guide for Java Programmers meets the needs of this large audience--estimated today at 2.5 million Java programmers and growing. It provides the systematic exploration required by newcomers as well as the step-by-step instruction for more experienced readers eager to exploit Struts to the fullest. Devoted to the latest version of the framework (v. 1.1) and vividly illustrated with a thorough sample application throughout, this book is an essential resource for all programmers who want to be part of the next stage in the evolution of the web. Hard-to-find, practical coverage from a highly visible figure in the Java development world. Among the first books to cover the latest release of Struts, version 1.1. Reviews all the technologies comprising Struts, including JavaServer Pages, Servlets, XML, Custom Tags, and web and application servers. Teaches readers the development practices-including design, debugging, internationalization, and implementation-essential to Struts development.

[Copyright: 5bcd0051fdd04753b9d40cff84ee2106](#)